

WHAT IS CLAIMED IS:

1. A recording apparatus of an electronic watermark comprising:

detecting means for detecting a first electronic watermark signal from an original contents data inputted;

memory means for storing the first electronic watermark signal detected by said detecting means temporarily;

extracting means for extracting a part of contents data from the original contents data; and

inserting means for recording a second electronic watermark signal of which content is equivalent to that of the first electronic watermark signal detected by said detecting means in the contents data extracted by said extracting means.

2. The recording apparatus of an electronic watermark in accordance with claim 1, said recording apparatus further comprising:

deciding means for judging whether or not there is existed the second electronic watermark; and

switching means for switching an output in accordance with a result of judgment by said deciding means.

3. The recording apparatus of an electronic watermark in accordance with claim 2, said recording apparatus further comprising MPEG encoder means, MPEG decoder means and another inserting means for receiving an intra-coded picture location signal from the MPEG encoder means, wherein said

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inserting means records the first electronic watermark signal in a case that the original contents data is an intra-picture.

4. A recording method of an electronic watermark comprising steps of:

detecting a first electronic watermark signal from an original contents data inputted;

storing the first electronic watermark signal detected in said step of detecting temporarily;

extracting a part of contents data from the original contents data; and

inserting a second electronic watermark signal of which content is equivalent to that of the first electronic watermark signal into the contents data extracted in said step of extracting.

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